

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 449122073100
INTERNATIONAL APPLICATION NO. PCT/DE03/01168	INTERNATIONAL FILING DATE April 9, 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/511,393
TITLE OF INVENTION DEVICE FOR DETERMINING FUEL QUALITY AND CORRESPONDING METHOD		
APPLICANT(S) FOR DO/EO/US Matthias WIESE and Hong ZHANG		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (SECOND PRELIMINARY AMENDMENT)</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input checked="" type="checkbox"/> A substitute specification. (CLEAN COPY AND MARKED-UP COPY)</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/511,393		INTERNATIONAL APPLICATION NO. PCT/DE03/01168		ATTORNEY'S DOCKET NUMBER 449122073100																															
21. The following fees are submitted:																																			
<table border="1"> <tr> <td><input type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td>\$</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td>\$</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> <td>\$</td> <td></td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$1000.00</td> <td>\$</td> <td></td> <td></td> </tr> </table>						<input type="checkbox"/>	a) Basic national fee	\$300.00	\$			<input type="checkbox"/>	b) Examination fee	\$200.00	\$			<input type="checkbox"/>	c) Search fee	\$500.00	\$			TOTAL OF ABOVE CALCULATIONS = \$1000.00			\$								
<input type="checkbox"/>	a) Basic national fee	\$300.00	\$																																
<input type="checkbox"/>	b) Examination fee	\$200.00	\$																																
<input type="checkbox"/>	c) Search fee	\$500.00	\$																																
TOTAL OF ABOVE CALCULATIONS = \$1000.00			\$																																
<table border="1"> <tr> <td><input type="checkbox"/></td> <td colspan="5">Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> </tr> </table>						<input type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																												
<input type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																		
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																															
- 100 =	/50 =			x \$250.00																															
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																																			
<table border="1"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="3">RATE</th> </tr> <tr> <td>Total claims</td> <td></td> <td>0</td> <td>x</td> <td>\$</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>- =</td> <td>0</td> <td>x</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="6">TOTAL OF ABOVE CALCULATIONS = \$</td> </tr> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims		0	x	\$		Independent claims	- =	0	x	\$		MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$		TOTAL OF ABOVE CALCULATIONS = \$					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																
Total claims		0	x	\$																															
Independent claims	- =	0	x	\$																															
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$																															
TOTAL OF ABOVE CALCULATIONS = \$																																			
<table border="1"> <tr> <td><input type="checkbox"/></td> <td colspan="5">Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</td> </tr> <tr> <td colspan="6">SUBTOTAL = \$</td> </tr> </table>						<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					SUBTOTAL = \$																							
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																																		
SUBTOTAL = \$																																			
<table border="1"> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).</td> </tr> <tr> <td colspan="6">+ \$</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE = \$</td> </tr> </table>						Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).						+ \$						TOTAL NATIONAL FEE = \$																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																																			
+ \$																																			
TOTAL NATIONAL FEE = \$																																			
<table border="1"> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="6">+ \$</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED = \$</td> </tr> </table>						Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						+ \$						TOTAL FEES ENCLOSED = \$																	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																			
+ \$																																			
TOTAL FEES ENCLOSED = \$																																			
<table border="1"> <tr> <td colspan="3"></td> <td>Amount to be refunded:</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be charged:</td> <td colspan="2">\$</td> </tr> </table>									Amount to be refunded:	\$					Amount to be charged:	\$																			
			Amount to be refunded:	\$																															
			Amount to be charged:	\$																															
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 03-1952 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																																			
<p>SEND ALL CORRESPONDENCE TO: Jonathan Bockman Morrison & Foerster, LLP 1650 Tysons Boulevard, Suite 300 McLean, Virginia 22102</p>																																			
<p><i>[Signature]</i></p> <p>SIGNATURE: Jonathan Bockman</p>																																			
<p>NAME 45 640 REGISTRATION NUMBER</p>																																			